



Glyco Star - Antifreeze

Special frost protection for radiators concentrate colour: blue/green

Description:

Glyco Star - Antifreeze is based on a mono-ethylene-glycol concentrate. It is a special frost protection for radiators running in summer and wintertime with permanent frost and rust protection (for all-season use).

Glyco Star - Antifreeze, the special top performance corrosion and rust protection (with intensified corrosion protection) for motor and radiator system correspond to the demands state-of-the-art development of engine-building.

Glyco Star - Antifreeze is free of nitrites, amines and phosphates.

Characteristics:

- Powerful and long-lasting protection against corrosion for all parts of the cooling system, which consist of materials such as steel, cast iron, aluminum, copper, brass, soft solder
- Maintenance-free frost and overheating protection with a higher boiling point
- Extended coolant life
- Avoidance of cavitation damages, such as on the collant pump
- Compatibility with varnishes
- Compatibility with hose and sealing materials
- Avoidance of sediments, which can cause radiator plugging
- Avoidance of foaming

Usage:

Glyco Star - Antifreeze is excellent for aluminium-, light alloy- and cast-iron motors by use of special additives (please observe product informations).

33% **Glyco Star - Antifreeze**, 67% water and frost protection down to -20 ° C is reached.

Recommended concentration 50% **Glyco Star - Antifreeze** and 50% water, with which a frost protection up to -38°C will be obtained. Antifreeze protection down to -69°C is possible with a maximum of 69% **Glyco Star - Antifreeze** and 31% water.

Depending on the model and the manufacturer the coolant of radiators should be replaced every 2 to 3 years.

Usable for:

| | |
|---------------------------------|-----------------------|
| We recommend this product for: | |
| AFNOR | NF-R 15-601 Type 1 |
| ASTM | D 3306 Type I, D 4985 |
| BEHR (Manufacturer of radiator) | |
| BMW | GS 94000 (N 600 69) |
| BS | 6580 |
| CHRYSLER | MS-9769 |
| FIAT | 9.55523 |
| IVECO | 18-1830 |
| MAN | 324 Type NF |
| MB | 325.0 |
| MTU | MTL 5048 |
| NATO | S-759 |
| OPEL/GENERAL MOTORS | |
| PERKINS | |
| PORSCHE | TL-774 C (G11) |
| SAE | J 1034 |
| TOYOTA | TA (Europe) |
| VW/AUDI/SEAT/SKODA | TL-774 C (G11) |

Miscibility:

- **Glyco Star - Antifreeze** can be mixed with the most of the coolants based on ethylene glycol. To achieve an optimal corrosion protection and to avoid sludge formation it is recommended to use pure **Glyco Star - Antifreeze**. For the preparation of mixtures softened water should be preferred.

Data are subject to change.

Attention: Service instructions should be observed!

STL/WINTER/-
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Glyco Star - Antifreeze

| Article No. | Packaging unit | |
|--------------|----------------|---------|
| STL 3100 123 | Can | 1500 ml |
| STL 3100 124 | Can | 5 L |
| STL 3100 125 | Pail | 20 L |
| STL 3100 126 | Drum | 60 L |
| STL 3100 128 | Drum | 200 L |
| STL 3100 129 | PE-Container | 1000 L |

Typical characteristics:

| | | |
|-----------------------------------|----------|---------------|
| Specific weight at 20°C | kg/m³ | 1.110 - 1.145 |
| Flash point COC | °C | >120 |
| Boiling point | °C | 174 |
| ph-Value | | 7,2 |
| Water content | % | 3,5 |
| Foam behaviour | | corresponds |
| Pour point antifreeze/water=1:1°C | | -38/-40 |
| Ethylene glycol | % | 93,5 |
| Content of inhibitors | % | 5,4 |
| Ash content | % | 1,3 |
| Reserve alkalinity | (ph 5,5) | 16 |
| Colour | | blue/green |

